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## REQUEST FOR CONTINUED EXAMINATION (RCE)

UNDER 37 C.F.R. § 1.114

Attorney Docket No.: FILLF1.001CP1

Date: March 6, 2002

Page 1

PATENT

#11  
T. BELL  
4.2.02

Application Number: 09/460,630 ✓  
Filing Date: December 14, 1999  
First Named Inventor: Bart Dierickx  
Group Art Unit: 2815  
Examiner Name: Eugene Lee

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) attachments are being deposited with the United States Postal  
) Service as first-class mail in an envelope addressed to: United  
) States Patent and Trademark Office, P.O. Box 2327, Box RCE,  
) Arlington, VA 22202, on

March 6, 2002

(Date)

Stephen C. Jensen, Reg. No. 35,556

United States Patent and Trademark Office  
P.O. Box 2327  
Box RCE  
Arlington, VA 22202

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.

1. Submission Required under 37 C.F.R. § 1.114:

- (X) Enclosed:  
(X) Amendment  
(X) Return Postcard

03/14/2002 6TEFFERA 00000092 09460630 ✓  
01 FC:179 740.00 00

## 2. Fees:

- (X) RCE fee (\$370 small entity/\$740 large entity)

## 3. Payment:

- (X) Check in the amount of \$740 to cover the above fees.  
(X) The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. § 1.16 and § 1.17 which may be required, now or in the future, or credit any overpayment to Deposit Account No. 11-1410.

Address all future communications to Customer No. 20,995.

Dated: March 6, 2002

Stephen C. Jensen  
Registration No. 35,556  
Attorney of Record

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01 FC:179 740.00 00

#12/B  
T.BELL.  
4.2.02

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Bart Dierickx  
 Appl. No. : 09/460,630  
 Filed : December 14, 1999  
 For : BURIED, FULLY  
 DEPLETABLE, HIGH FILL  
 FACTOR PHOTODIODES  
 Examiner : Eugene Lee

) Group Art Unit 2815  
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) Commissioner for Patents, Washington, D.C.  
) 20231, on) March 6, 2002<sup>D.S.</sup>  
) (Date)) Stephen C. Jensen  
) Stephen C. Jensen, Reg. No. 35,556AMENDMENT

Assistant Commissioner for Patents  
 Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed December 6, 2001, please amend the above-captioned patent application as follows:

IN THE CLAIMS

Please amend Claim 1 as follows:

1. (Twice Amended) An active or passive pixel structure comprising:
- a semiconductor substrate with dopants of a first conductivity type at a first concentration density, and with an insulating layer at its surface;
  - a collection region with dopants of a second conductivity type which is opposite the first conductivity type at a second concentration density, formed in the surface region of the semiconductor substrate;
  - a dual-purpose electrode formed on the insulating layer, extending over both the surface of at least part of the collection region and over at least part of the substrate, the dual-purpose electrode being intended to be driven by a first voltage that causes an electrostatic potential which collects in an area of the collection region beneath the dual-purpose electrode charges generated by electromagnetic radiation and by a second